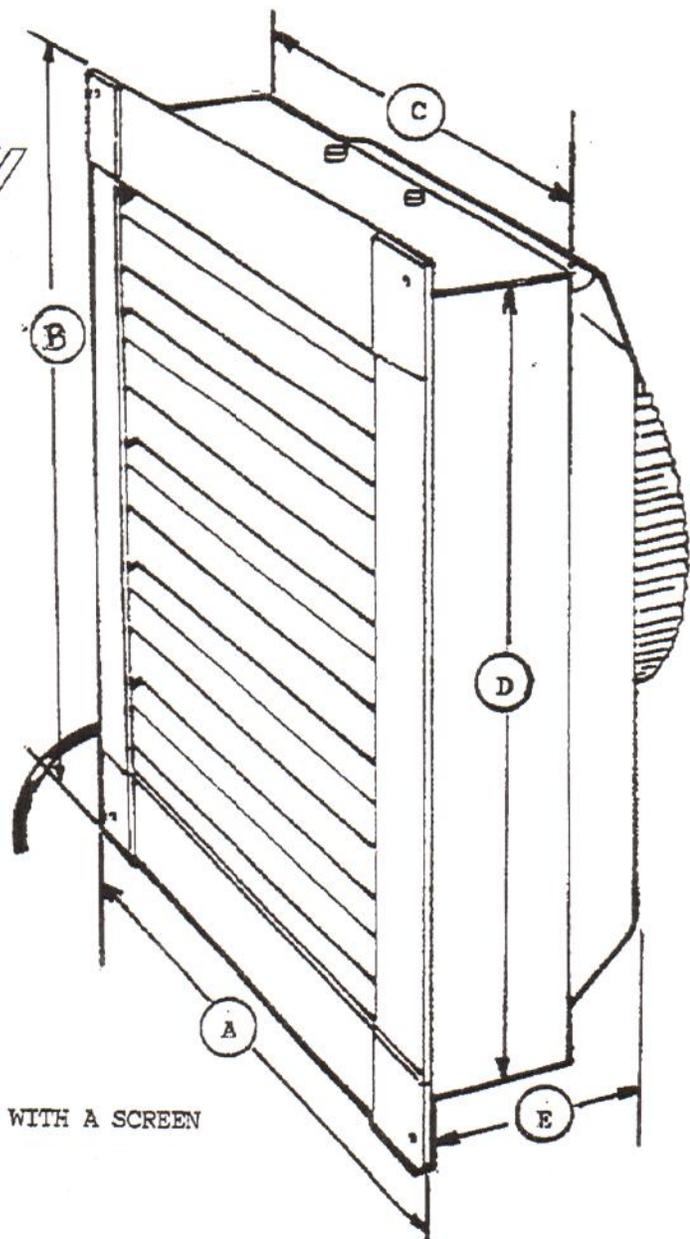


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 MILWAUKEE, WISCONSIN



6"
 PIPE **
 STARTER

LIGHT TIGHT DARKROOM EXHAUST FANS

CONSTRUCTION:

THE PRO-LAB MODEL FAN HOUSINGS ARE MADE FROM STEEL. ALL OTHER FAN MODELS ARE MADE OF ABS PLASTIC.

- *PRO-LAB SL/WC: ROOM SIZE: 20' x 20'
- **PRO-LAB SL/PS ROOM SIZE: 20' x 20'
- **A-1212 ROOM SIZE: 12' x 12'

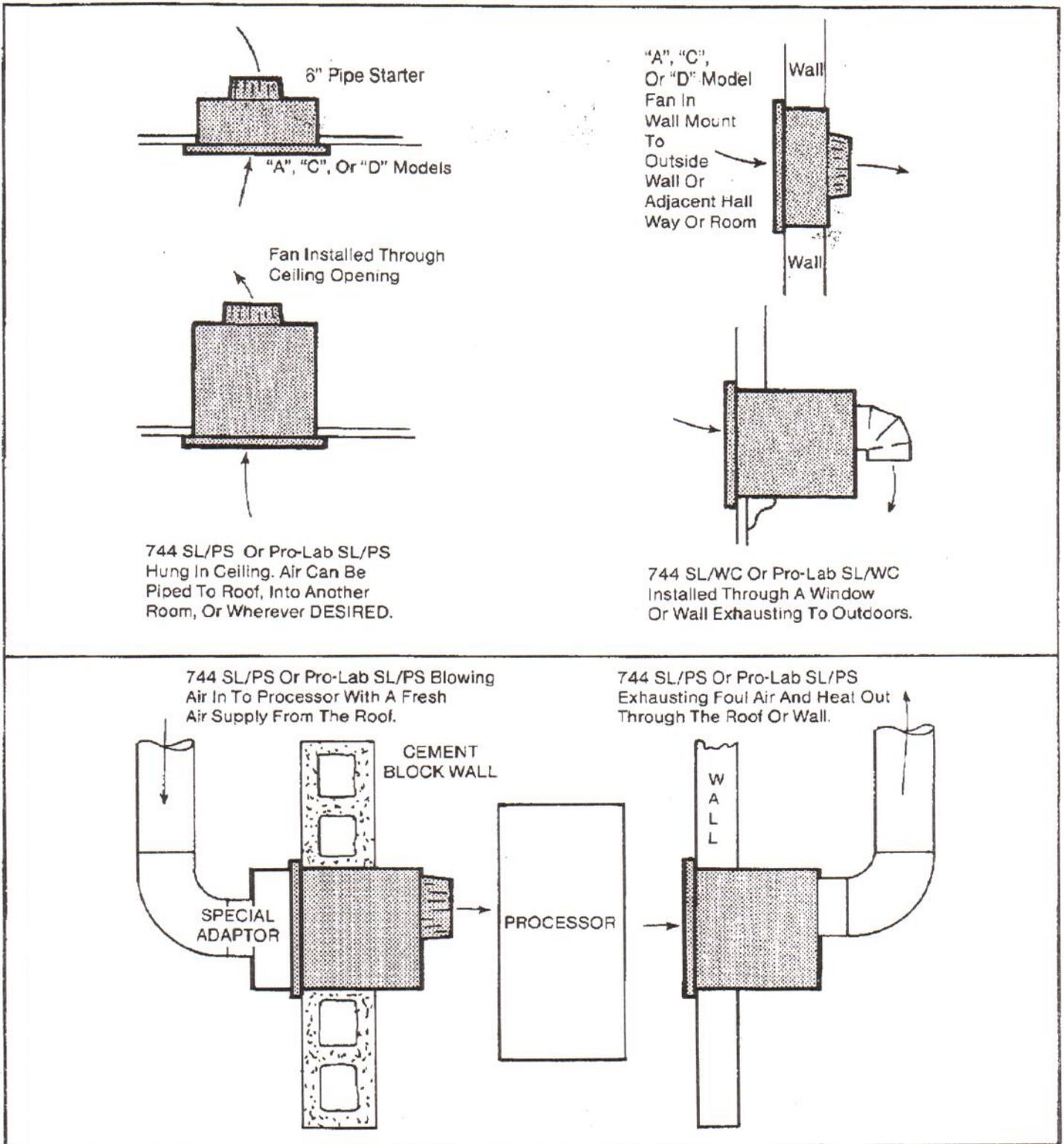
- * THIS MODEL HAS A 90° DOWN WALL CAP WITH A SCREEN
- ** THESE MODELS HAVE A PIPE STARTER

ELECTRICAL: 115VAC 60Hz 1 AMP 3' THREE WIRE GROUNDED POWER CORD.

MODEL	DIMENSIONS					CUT OUT SIZE	CFM
	A	B	C	D	E		
PRO-LAB	12-3/4"	13-3/4"	12"	12"	13"	12 1/4" x 12 1/2"	600
A -1212	13-3/4"	13-3/4"	12"	12"	4 1/2"	12 1/4" x 12 1/2"	400

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 800-695-2055

HERE ARE A FEW WAYS THE DORAN FANS ARE USED IN DARKROOMS AND MINI-LABS



It Is Strongly Advised To Install An Air-No-Lite Louver In A Wall Or Door Opposite (Preferably) The Exhaust Fan To Draw Adequate Fresh Air Supply Into The Room.

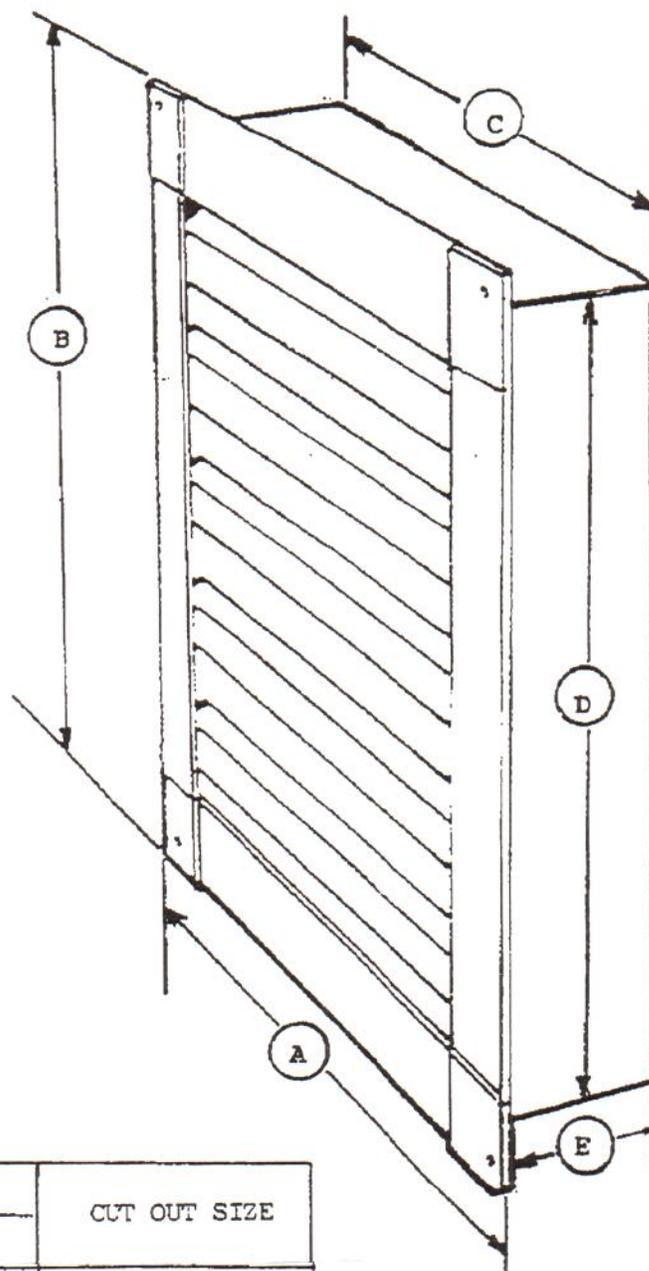
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**DARKROOM LIGHT TIGHT LOUVERS
 (SOLO SEPARATELY)**

CONSTRUCTION:

Model L-1212: Moulded plastic
 Model L-1224: Plastic/metal

LOUVER MODEL L-1212: USE WITH FAN MODEL A-1212.
 LOUVER MODEL L-1224: USE WITH FAN MODEL PRO-LAB.



MODEL	DIMENSIONS					CUT OUT SIZE
	A	B	C	D	E	
L-1212	13-3/4"	13-3/4"	12"	12"	1 1/2"	12 1/4" x 12 1/4"
L-1224	25 1/2"	13-3/4"	23 1/2"	11-3/4"	1-5/8"	23-3/4" x 12"

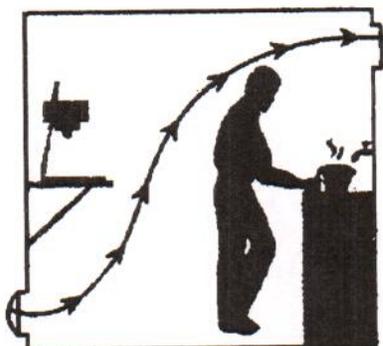
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 Milwaukee, WI 53215
 1-800-695-2055

HELPFUL HINTS

1. In some situations you may need to construct a wooden frame to fit between studding, etc. to which you can anchor your fan housing.
2. The Model A1212 and the Pro-Lab fit into a 12" x 12" opening.
The Model C1010 fits into a 10" x 10" opening.
The Models D-68 and DVM-199A fit into an 8 $\frac{3}{8}$ " x 8 $\frac{3}{8}$ " opening.
3. If you are exhausting the contaminated air into an attic or other darkened area you can remove one insert of the louvered frame to decrease air resistance and increase the flow of air into the exhaust area.
4. All units having 6" pipe starters (and professional models) should add to the starter, a 6" diameter elbow and approximately 12 inches of 6" diameter pipe. This is to prevent or reduce the possibility of outside air pressure backing up into the fan on a windy day. This applies to units that are exhausting to the outside of the building. Elbows and pipe are available at your local hardware or heating supply store.
5. The "D" models terminate in a patterned exhaust grid and is meant to exhaust into a ceiling, hallway or adjacent storage area, etc., but not to the outside.

GENERAL VENTILATION

(For B&W printing with no toning or special processes)

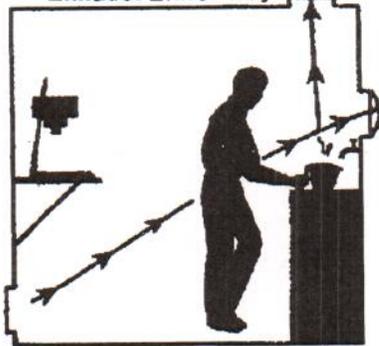


By moving a constant supply of fresh air into the darkroom from the dry side and venting it out above the wet side, the air-flow carries the fumes away from the worker.

LOCAL VENTILATION

(For toning, many alternative processes, and color processing in open trays)

Exhaust Either Way

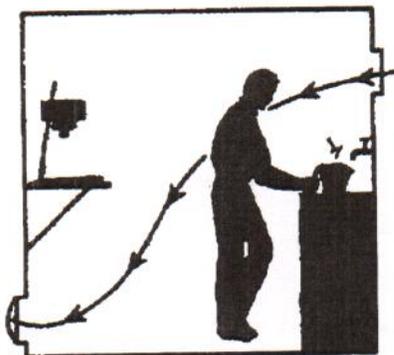


By placing an exhaust fan as close as possible to the chemical area of the wet side, the chemical fumes are immediately drawn outside.



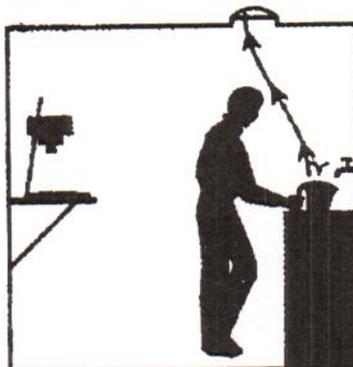
WALL CAP FOR 6" DIAMETER ROUND DUCTS
Aluminum cap with built-in backdraft damper and bird screen

BAD VENTILATION SYSTEM



Any system that pulls fume-laden air over the worker should be strictly avoided.

BAD VENTILATION SYSTEM



If a household ceiling exhaust fan is located above and behind the operator on the wet side fumes will be drawn across the worker's face.

NOTE: To connect the cord inside the darkroom, route the cord from back to front and cut a slot in the side of the frame just large enough to accommodate the cord.

